

## SEQUENCE LISTING

<110> THE GOVERNORS OF THE UNIVERSITY OF ALBERTA  
WARREN, KENNETH G.  
CATZ, INGRID

<120> PEPTIDE SPECIFICITY OF ANTI-MYELIN BASIC PROTEIN AND  
THE ADMINISTRATION OF MYELIN BASIC PROTEIN PEPTIDES TO  
MULTIPLE SCLEROSIS PATIENTS

<130> 098810/027 8740

<140> 09/813,463

<141> 2001-03-20

<150> 09/055.263

<151> 1998-04-06

<160> 14

<170> PatentIn Ver. 2.1

<210> 1

<211> 170

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Human myelin basic protein

<400> 1

Ala	Ser	Gln	Lys	Arg	Pro	Ser	Gln	Arg	His	Gly	Ser	Lys	Tyr	Leu	Ala	1	5	10	15
Thr	Ala	Ser	Thr	Met	Asp	His	Ala	Arg	His	Gly	Phe	Leu	Pro	Arg	His	20	25	30	
Arg	Asp	Thr	Gly	Ile	Leu	Asp	Ser	Ile	Gly	Arg	Phe	Phe	Gly	Gly	Asp	35	40	45	
Arg	Gly	Ala	Pro	Lys	Arg	Gly	Ser	Gly	Lys	Asp	Ser	His	His	Pro	Ala	50	55	60	
Arg	Thr	Ala	His	Tyr	Gly	Ser	Leu	Pro	Gln	Lys	Ser	His	Gly	Arg	Thr	65	70	75	80
Gln	Asp	Glu	Asn	Pro	Val	Val	His	Phe	Phe	Lys	Asn	Ile	Val	Thr	Pro	85	90	95	
Arg	Thr	Pro	Pro	Pro	Ser	Gln	Gly	Lys	Gly	Arg	Gly	Leu	Ser	Leu	Ser	100	105	110	
Arg	Phe	Ser	Trp	Gly	Ala	Glu	Gly	Gln	Arg	Pro	Gly	Phe	Gly	Tyr	Gly	115	120	125	
Gly	Arg	Ala	Ser	Asp	Tyr	Lys	Ser	Ala	His	Lys	Gly	Phe	Lys	Gly	Val	130	135	140	
Asp	Ala	Gln	Gly	Thr	Leu	Ser	Lys	Ile	Phe	Lys	Leu	Gly	Gly	Arg	Asp	145	150	155	160
Ser	Arg	Ser	Gly	Ser	Pro	Met	Ala	Arg	Arg							165	170		

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<220>  
<223> Description of Artificial Sequence: Synthetic  
peptide

<400> 2

Val His Phe Phe Lys Asn Ile  
1 5

<210> 3  
<211> 21  
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<220>  
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Lys Ser His Gly Arg Thr Gln Asp Glu Asn Pro Val Val His Phe Phe  
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Lys Asn Ile Val Thr  
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<210> 4  
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<220>  
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Ala Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys Ser His Gly  
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<210> 5  
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<212> PRT  
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<220>  
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His His Pro Ala Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys  
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<210> 6  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
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Tyr Gly Ser Leu Pro Gln Lys Ser His Gly Arg Thr Gln Asp Glu  
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<210> 7  
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<220>  
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Thr Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr  
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Pro Arg

<210> 8  
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Lys Asn Ile Val Thr Pro Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly  
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Asn Pro Val Val His Phe Phe Lys Asn Ile  
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Pro Val Val His Phe Phe Lys Asn Ile Val  
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<400> 13

Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr  
1 5 10 15

&lt;210&gt; 14

&lt;211&gt; 46

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: Synthetic  
peptide

&lt;400&gt; 14

His His Pro Ala Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys Ser  
1 5 10 15

His Gly Arg Thr Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn  
20 25 30

Ile Val Thr Pro Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly  
35 40 45